

# Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, Engineering Division, OC

DATE: SPM 7-614  
19 September 1957

FROM : Chief, Supplemental Programs Division, OC

SUBJECT: QRF Programs for FY 58

|            |     |          |            |           |         |
|------------|-----|----------|------------|-----------|---------|
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| JUST       | 2   | NEXT REV | 2010       | AUTH      | NR 10-2 |

1. A review has been made of the requirements of this Division relative to a Quick Reaction Facility (QRF) for FY 58. Experience with the [ ] Contract during FY 57 and comments from the liaison officer indicate that [ ] is neither geared to handle nor very interested in such a program, nor are we too pleased with the way the contract has worked. As originally planned, [ ] was to set aside a certain number of men to be ready to work on our crash requirements. This has proven to be unworkable, due primarily to lack of a sufficient volume of work, which not only wasted [ ] power, but reflected in excessive unit costs. 50X1

2. This does not imply that QRF's are not urgently needed, but rather a reorientation of our thinking is required in regard to magnitude. I hesitate to use the term "service contract," as I understand this type of contract may place a \$2,000 ceiling on any one job.

3. [ ] has excellent facilities for the design, fabrication, and measurement of highly specialized "one shot" equipment. Additionally, they are geographically close and have shown a willingness to operate on a day-to-day informal basis, which is very important on "crash fabrication." 50X1

4. It is requested that your Division review the projects proposed for the current FY and determine which facilities are available in addition to [ ] ( ), which would best provide the capability and reaction to the requirements. In addition to those facilities which are known to have the manufacturing ability, it would be highly desirable to have a few facilities such as CGS, which could provide some ingenuity and inventive self-expression toward the solution of unique problems. 50X1 50X1

5. Whether such facilities or services are called QR or Service Contracts, I can only leave up to your interpretation; however, it is not possible to operate under a \$2,000 ceiling per job.

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6. Outlined below are the tasks which have been established as required for FY 58.

a. Antenna, [redacted], max size 18 x 18 x 12, minimum 3 db gain. Preliminary study done by [redacted]

50X1

50X1

b. Antennas, [redacted] measurements on government furnished antennas, gain and pattern. Estimated 10 antennas to be considered during FY 58.

50X1

c. Antenna, modified discone, 50-250 mc., government furnished, to be dismembered, provided with splice plates for re-assembly and measured.

d. Fitting of wave guide and feeds to parabolic dishes 10-28 ft. diameter. Government furnished equipment.

e. Fabrication, Xtal Video Demand System, VA-6, AV-6, BT-6, as developed by R/D Lab. 5 systems.

50X1

f. ~~Fabrication, Video distribution panels, BNC type jacks and coaxial switches.~~

g. Fabrication and packaging, 1000 cps reference ocs. utilizing Elgin resonator and associated circuitry and batteries.

h. Vehicle modification, truck and/or trailer; to include mounting of racks, benches, ducts, etc.; antenna mounts and/or antenna mast exits.

i. Signal actuate device, interim replacement for signal actuate device in VA-6 system. To provide 1, 2.5 and 5 minute recording time. To be electronic rather than motor-timed as present system. This problem was broached to [redacted] during FY 57 but task was not assigned.

50X1

j. Design and fabrication of VHF, UHF pouchable high gain antennas. [redacted] already informally contracted by [redacted] for pouchable parabolic dishes.)

50X1

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k. Design and/or fabrication of specialized single frequency VHF/UHF receivers or converters.

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7. Funds in the amount of \$175,000 have been budgeted for during FY 1958. Pending approval of the FY 58 budget, these funds will be available under the 07 Category under Allotment 8-7912-50-600 for \$150,000 and \$25,000 under Allotment 8-7912-~~40~~-652 for the QRF Program. You are requested, after establishing the allotment of the tasks outlined, to inform this office of your choice of facilities versus task. Further specifications on the tasks set forth in para 7 may be obtained from this Division.

Distribution:

Orig. & 1 - Addressee

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